


Survey Questions - Post-Focus Group Session Survey (Residents)

All responses to this information collection are voluntary and anonymous. Send comments regarding this information collection to the Nurture Nature Center at: 518 Northampton Street, Easton, PA 18042, Attn: Rachel Hogan Carr, Executive Director, rhogan@nurturenature.org.

1: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Situation Overview.

Not at all useful 1 2 3 4 5 Extremely useful

Situation Overview
Tropical Depression



- Heavy rainfall will result in a considerable risk of **flash flooding** (rapid-onset) on Wednesday.
- Widespread rainfall totals of 3-5" are expected across south-central PA with locally higher amounts up to 7" possible.
- Several streams and creeks are expected to experience minor to moderate **river flooding**, with a few locations possibly cresting above major flood stage late Thursday into Friday.
- River flooding is most likely south of I-80.

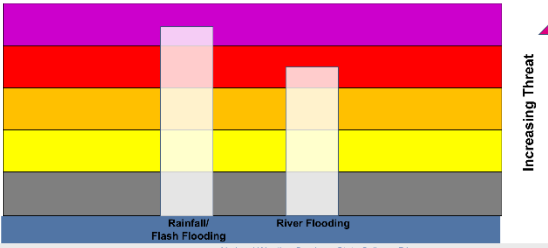
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2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Threat Levels.

Not at all useful 1 2 3 4 5 Extremely useful

Threat Levels
Tropical Depression

For information on specific hazards in this area, please go to <https://www.weather.gov/cy/forecasting>

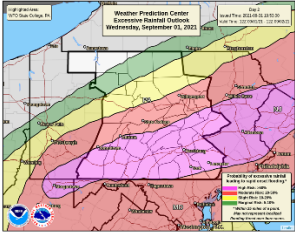


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3: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Excessive Rainfall Outlook.

Not at all useful 1 2 3 4 5 Extremely useful

Excessive Rainfall Outlook
Tropical Depression

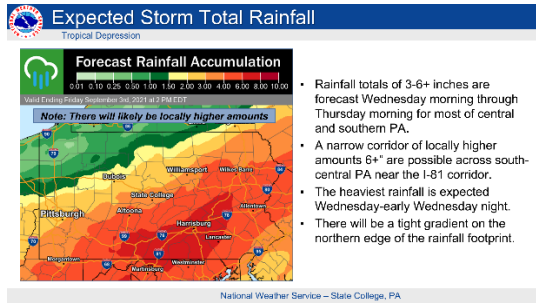


- Areas highlighted in magenta have the greatest risk for flash (rapid-onset) flooding Wednesday-Wednesday night.
- Urban areas and faster-responding small streams will be the most vulnerable to flash flooding issues.

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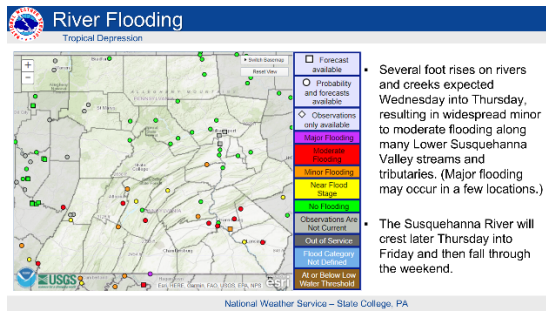
4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

Not at all useful 1 2 3 4 5 Extremely useful



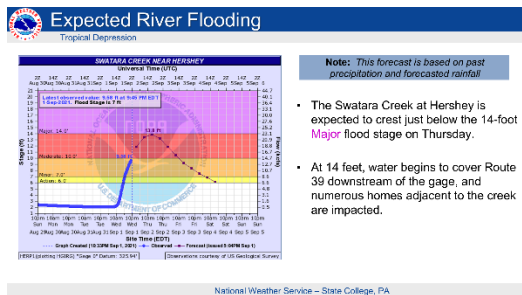
5: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. River Flooding.

Not at all useful 1 2 3 4 5 Extremely useful



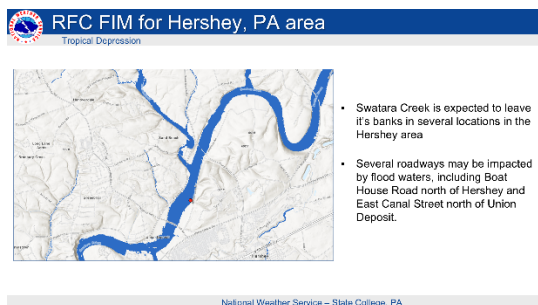
6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful 1 2 3 4 5 Extremely useful



7: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

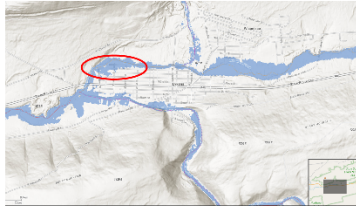
Not at all useful 1 2 3 4 5 Extremely useful



8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful

NWM FIM near Lykens (Wiconisco and Rattling creeks)
Tropical Depression



- NWM FIM
- This map shows the predicted inundation area from the NWM, showing possible inundation onto roads in the Lykens area north of Harrisburg (circled in red).

• Transparency has been altered to allow better viewing of the inundated areas.

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9: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful

CatFIM near Hershey (Hummelstown area)
Tropical Depression



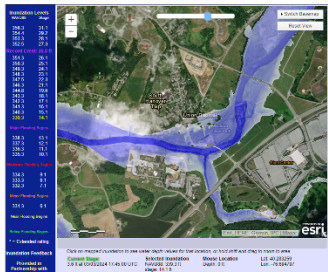
- CatFIM
- If Swatara Creek reaches 14 ft. (Major flood), this map shows the expected flood inundation of a campground in the vicinity of Sweet Street in Hummelstown.

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10: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful 1 2 3 4 5 Extremely useful

Partner (AHPS) FIM - Hershey, PA
Tropical Depression



- Partner FIM (aka AHPS FIM) was developed by a multi-agency partnership and has been publicly available for a handful of locations across central PA (including Hershey and Harrisburg) since 2011.
- This is the "gold standard" for FIM, and has the ability to show inundation by each foot of rise, and also shows expected inundation depth.

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11: What changes might you recommend for these products?

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

Text-based Graphic-based Combination of both

14: After attending today's session, how likely are you to:

Select one	Very likely	Somewhat likely	Neither likely nor unlikely	Somewhat unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Share what I learned about NWS products today with others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seek NWS information about extreme weather risks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use NWS products and information in your decision-making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I felt comfortable voicing my opinion.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know more about National Weather Service products.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel I could use National Weather Service resources to judge my community's risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

17: Was anything in the session confusing? If yes, please explain.

18: What improvements could be made in the format or content of this session?

Thank you for participating!